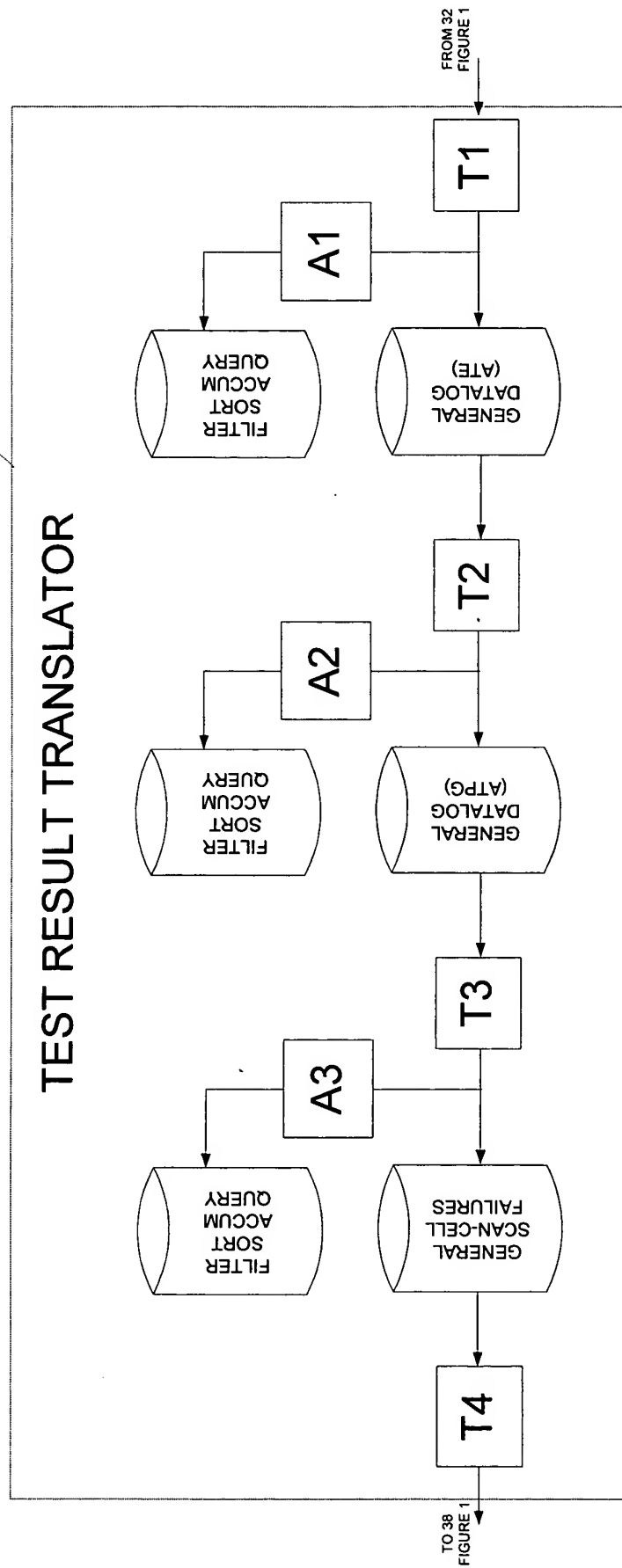


FIG. 2

50



FROM 42
FIGURE 1



FIG. 3

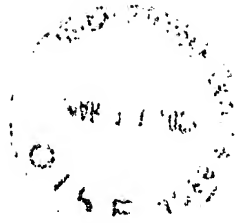
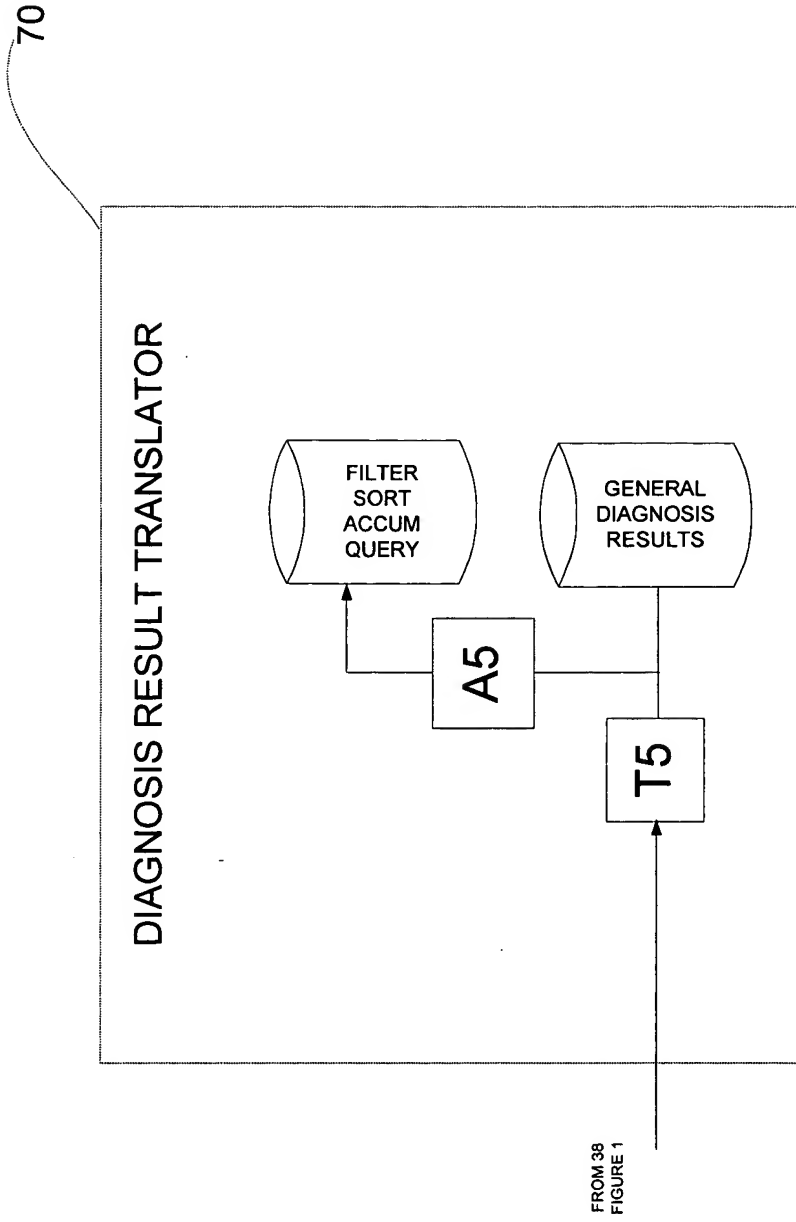
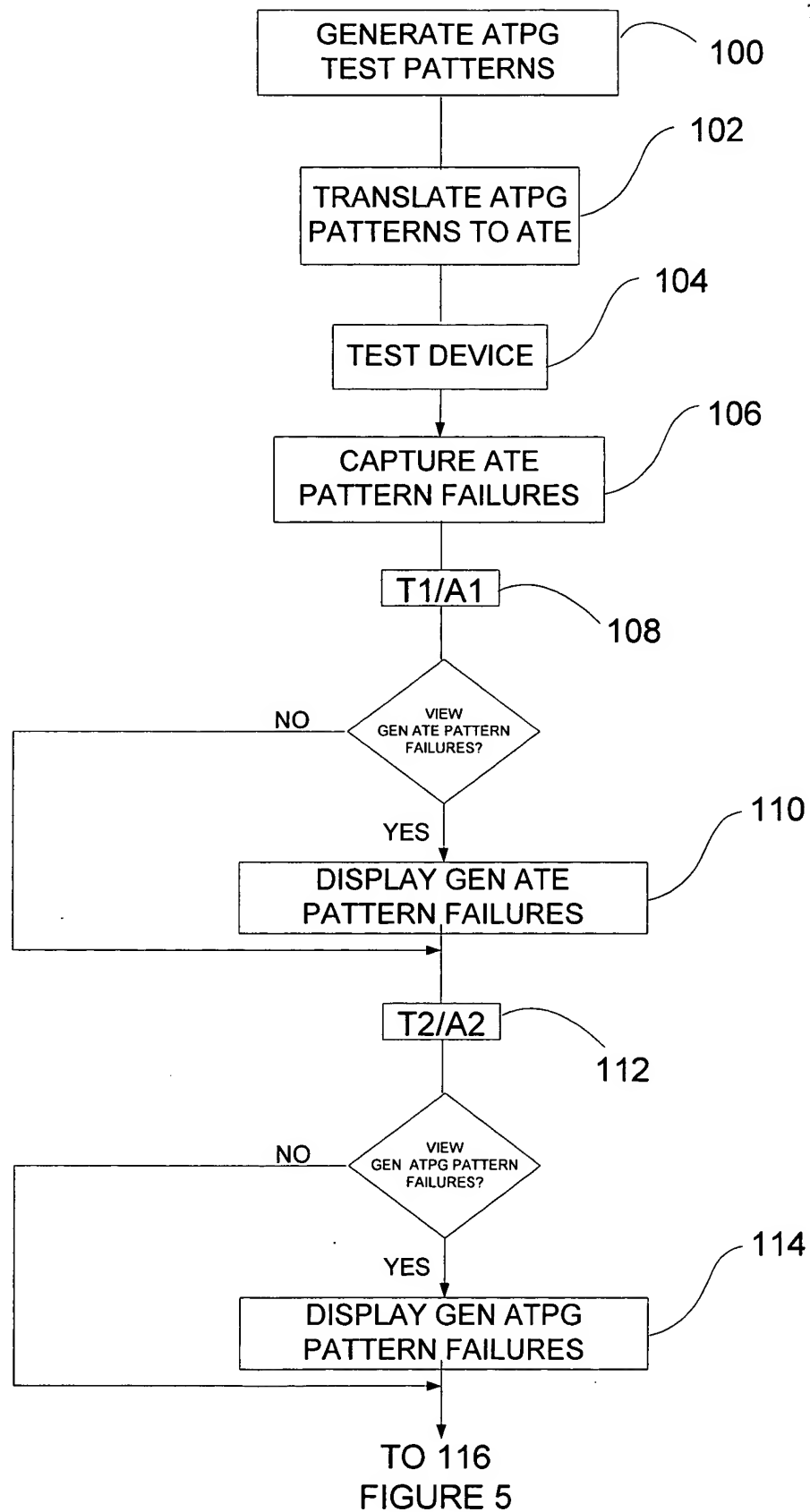
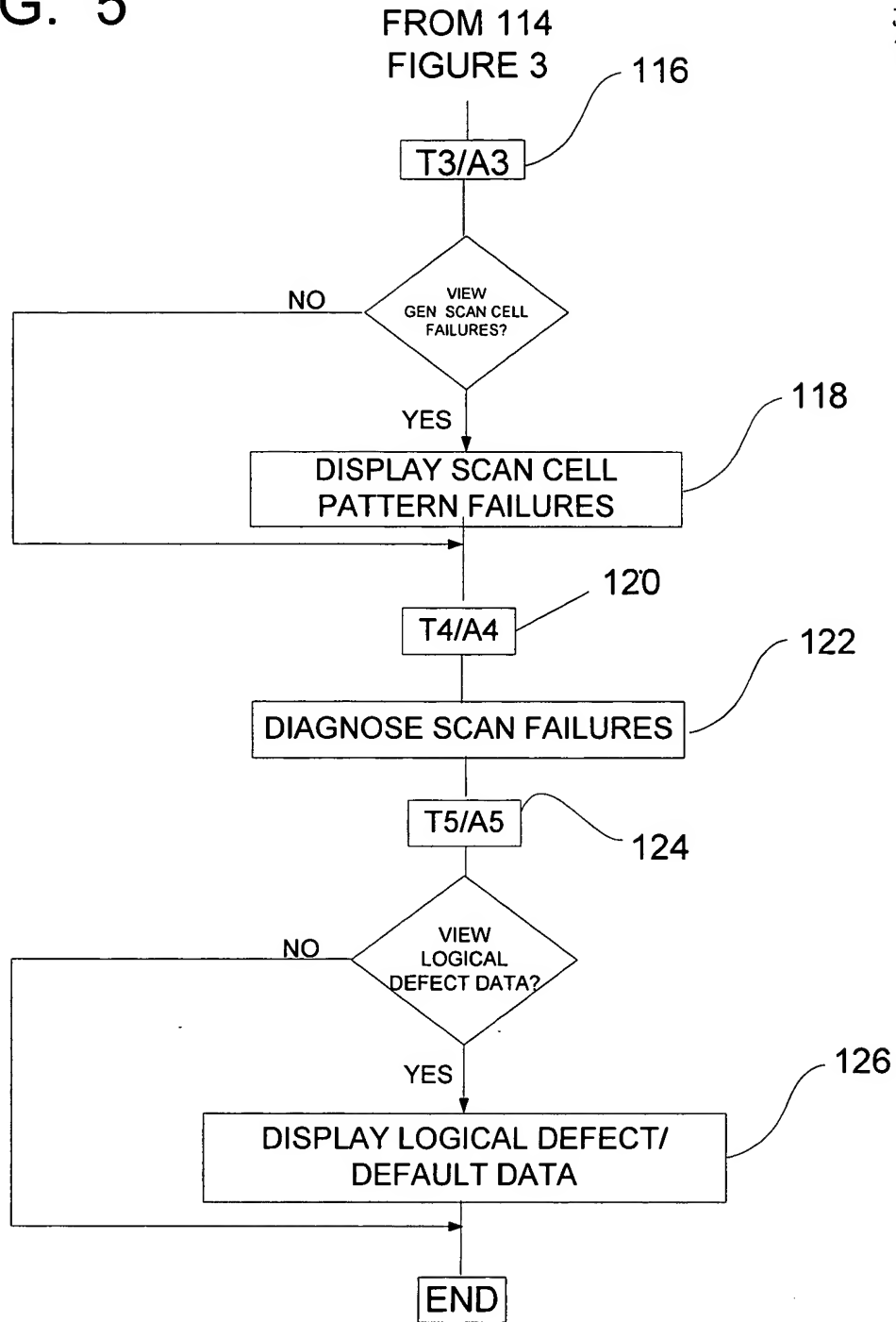


FIG. 4



20160390310

FIG. 5



20170228 03:10:39

20160128 23:55:00

FileViewLook and FeelHelp

Interactive Scan Diagnosis Prototype

Diag

Connect to TesterConnect to Diagnosis ToolDisconnectStatusStatus: Connected to IMAGE tester: tiger-S2

Debug Scan Test 2 at Site 0

Cumulative Results for Test Scan Test 2 at Site 0

Device: device5

Scan Fail Table

Last Result

Accumulated Result

Select Accumulation Mode

Auto

Manual

Accumulation by Scan Cell and Pattern

Count	Chain	Cell	Pattern	Devices
3	chain6	188	265	Data: Scan Test 2-1, Data: Scan Test 2-2, Data: Scan Test...
3	chain6	93	495	Data: Scan Test 2-1, Data: Scan Test 2-2, Data: Scan Test...
3	chain6	187	797	Data: Scan Test 2-1, Data: Scan Test 2-3, Data: Scan Test...
3	chain6	92	338	Data: Scan Test 2-1, Data: Scan Test 2-3, Data: Scan Test...
3	chain6	90	561	Data: Scan Test 2-1, Data: Scan Test 2-3, Data: Scan Test...

device1: Data: Scan Test 2-1
device2: Data: Scan Test 2-2

Test ResultsBy Scan CellBy Scan Cell and PatternBy Pattern

Cumulative Scan Chain Display for Test Scan Test 2 at Site 0

ZoomView Type

scan in1

scan in2

scan in3

scan in4

scan in5

scan in6

scan in7

scan in8

scan in1

scan in2

scan in3

scan in4

scan in5

scan in6

scan in7

scan in8

scan in1

scan in2

scan in3

scan in4

scan in5

scan in6

scan in7

scan in8

scan out1

scan out2

scan out3

scan out4

scan out5

scan out6

scan out7

scan out8

scan out1

scan out2

scan out3

scan out4

scan out5

scan out6

scan out7

scan out8

scan out1

scan out2

scan out3

scan out4

scan out5

scan out6

scan out7

scan out8

FIG. 6

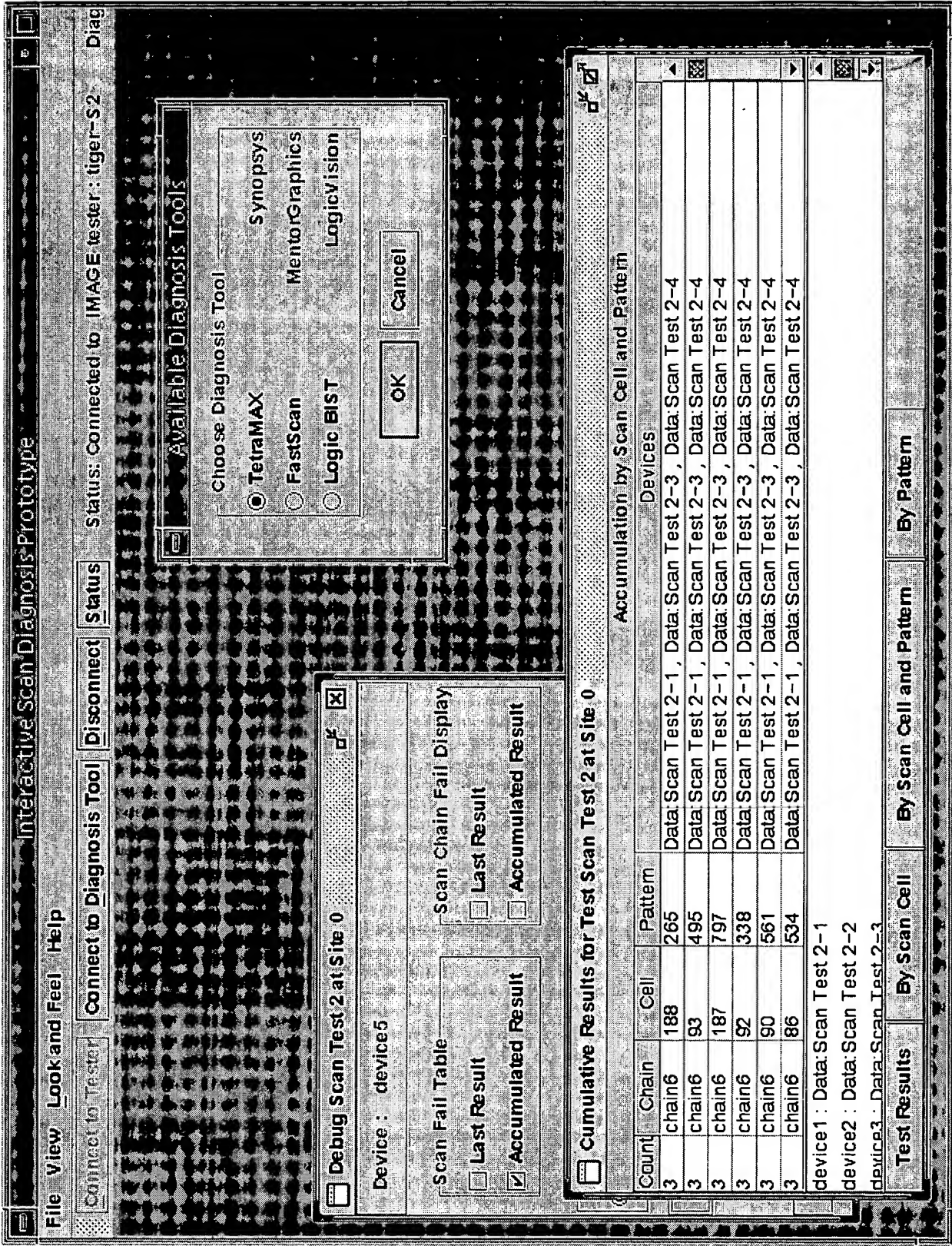


FIG. 7

2017E0" 286E000T

FileViewLook and FeelHelp

Connect to TesterConnect to Diagnosis ToolDisconnectStatus

Status: Connected to IMAGE tester : tiger-S2

Diag

Diagnosis Tool

Device Name	Test Result	Diagnosis Result
<input checked="" type="checkbox"/> device1	Data: Scan Test 2-1	diagnosis_result_1
<input checked="" type="checkbox"/> device3	Data: Scan Test 2-3	diagnosis_result_2
<input checked="" type="checkbox"/> device4	Data: Scan Test 2-4	diagnosis_result_3

Show Result

☒ Accumulated Diagnosis Result☐ Raw Diagnosis Result

DiagnoseClose

☐ Show GUI

Accumulated Fault Equivalents

Count	Fault Equivalent	Node	Fault Type	Detection Code	Devices
3	fe2	/fpu1/u5/prod1_mult_378_ix4405/Y	0	DS	diagnosis_result_1,diagnosis_result_2,...
		/fpu1/u5/prod1_mult_378_ix4405/A	1	DS	
		/fpu1/u5/ix2828/Y	1	DS	
		/fpu1/u5/ix2828/A2	0	DS	
		/fpu1/u5/ix2828/A1	0	DS	
		/fpu1/u5/ix2828/A0	0	DS	
1	fe3	/hisc1/ix4163/Y	1	DS	diagnosis_result_2
		/hisc1/ix4163/B0	1	DS	
		/hisc1/ix5939/Y	1	DS	
		/hisc1/ix5939/A	1	DS	

Accumulate by Defect

Accumulate by Fault Equivalent

Accumulate by Node

FIG. 8